



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.
8501 NW 90th Street
Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 9200 Aluminum Sliding Glass Door -LMI

APPROVAL DOCUMENT: Drawing No. **W02-23**, titled "Series-9200 Aluminum Sliding Glass Door (LMI), sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 03/18/02 and last revised on Oct. 20, 2006, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 02-1016.10** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



NOA No 06-0406.06
Expiration Date: June 13, 2007
Approval Date: November 16, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. **DRAWINGS** (transferred from file # **02-1016.10**)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **W02-23**, titled "Series-9200 Aluminum Sliding Glass Door (LMI), sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 03/18/02 and last revised on Oct. 20, 2006, signed and sealed by Humayoun Farooq, P.E.
- B. **TESTS** (transferred from file # **02-1016.10**)
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
- Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3078, dated 1/10/02, signed and sealed by Luis Figueredo, P.E., Test Reports No. Test Report No. FTL-3424, dated 04/18/02, Test Report No. FTL-3425, dated 04/29/02, Test Report No. FTL-3426, dated 04/26/02, FTL-3492, dated 06/20/02, Test report No. FTL-3493, dated 06/24/02 and Test Report No. FTL-3516, dated 07/12/02, all signed and sealed by James G. Worth, P.E.
- C. **CALCULATIONS**
1. Anchor verification calculation, complying w/ FBC 2004, prepared by Al-Farooq Corporation dated 03-16-06 and last revised on Oct. 20, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.
 2. Glazing complies with ASTM E-1300-98 & -02.
- D. **QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. **MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **01-1204.01** issued to "E.I. DuPont DeNemours" for "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
 2. Notice of Acceptance No. **05-1208.02** issued to "E.I. DuPont DeNemours" for "Dupont Butacite ® PVB", expiring on 12/11/10.
 3. Notice of Acceptance No. **03-0827.08** issued to Solutia Inc. for "Solutia Interlayer" expiring on 03/04/2009.
 4. Notice of Acceptance No. **03-0415.13** issued to Solutia Inc. for "Saflex HP" expiring on 04/14/2008.
- F. **STATEMENTS**
1. Statement letter of compliance w/FBC-2004, signed by Dr. Humayoun Farooq, P.E.
 2. Statement letter of compliance and of no financial interest, dated 03/16/06, signed and sealed by Dr. Humayoun Farooq, P.E.
 3. Lab compliance statements, part of above referenced test reports.
- G. **OTHER**
1. This NOA revises # **02-1016.10** expiring June 13, 2007

Ishaq I. Chanda
Ishaq I. Chanda, P. E.
Product Control Examiner
NOA No 06-0406.06
Expiration Date: June 13, 2007
Approval Date: November 16, 2006

DESIGN LOAD CAPACITY - PSF (STD. SILL)									
NOMINAL DOOR SIZES WIDTH FT./IN.	HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
6/0 (NO STEEL)	6/8	56.7	95.0	56.7	65.0	56.7	85.0	56.7	75.0
8/0 (WITH STEEL)	6/8	56.7	85.0	56.7	70.0	56.7	78.8	56.7	68.8
8/0 (WITH STEEL)	8/0	56.7	65.0	56.7	65.0	X	X	X	X

DESIGN LOAD CAPACITY - PSF (WITH SILL RISER)									
NOMINAL DOOR SIZES WIDTH FT./IN.	HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
6/0 (NO STEEL)	6/8	76.7	95.0	65.0	65.0	76.7	85.0	75.0	75.0
8/0 (WITH STEEL)	6/8	76.7	85.0	70.0	70.0	76.7	78.8	68.8	68.8
8/0 (WITH STEEL)	8/0	65.0	65.0	65.0	65.0	X	X	X	X

SGD-9200 ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR THESE DOORS TO BE AS PER CHARTS SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

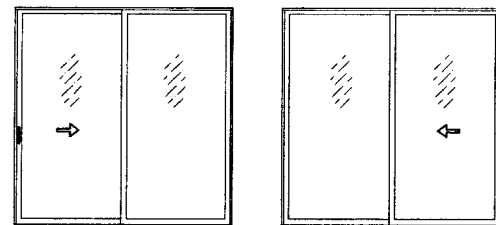
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

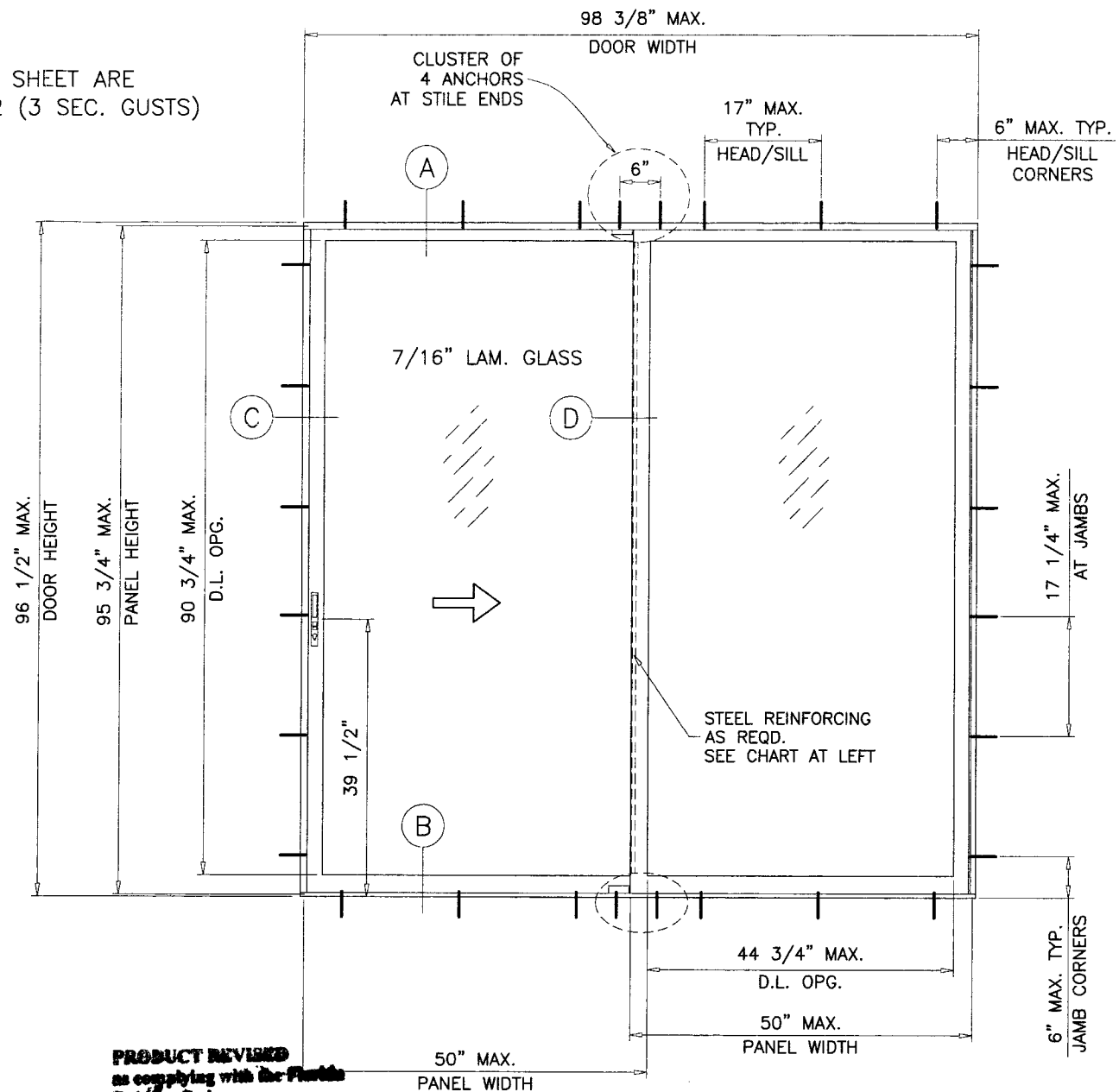
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02 (3 SEC. GUSTS)

MAX. D.L.O.:
6/0 X 6/8 = 32-3/4" X 74-3/4"
8/0 X 6/8 = 44-3/4" X 74-3/4"
8/0 X 8/0 = 44-3/4" X 90-3/4"

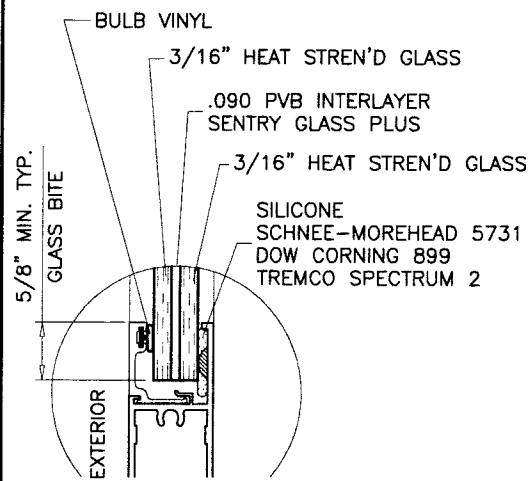


XO OX
APPROVED CONFIGURATIONS

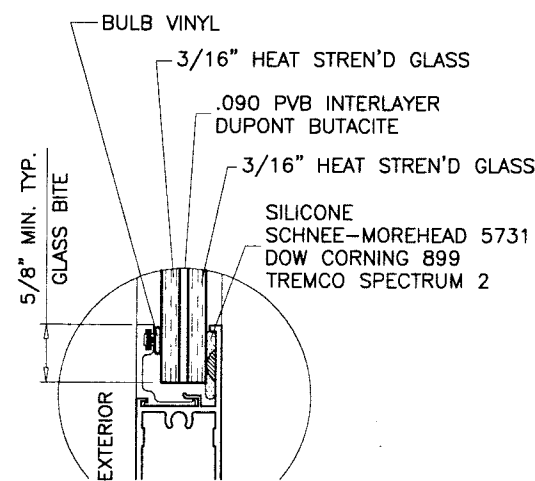


TYPICAL ELEVATION
TESTED UNIT

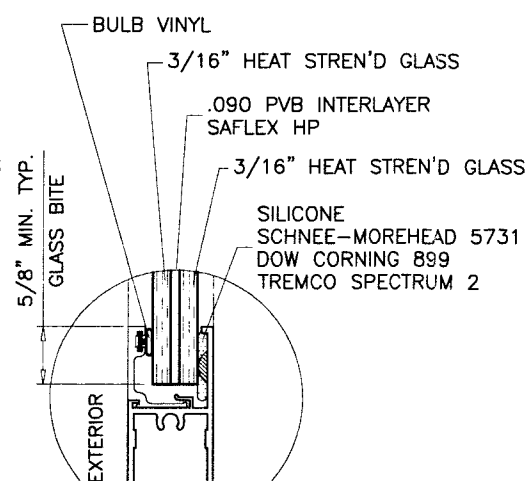
DOORS GLAZED WITH LAMINATED GLASS RATED FOR
LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.



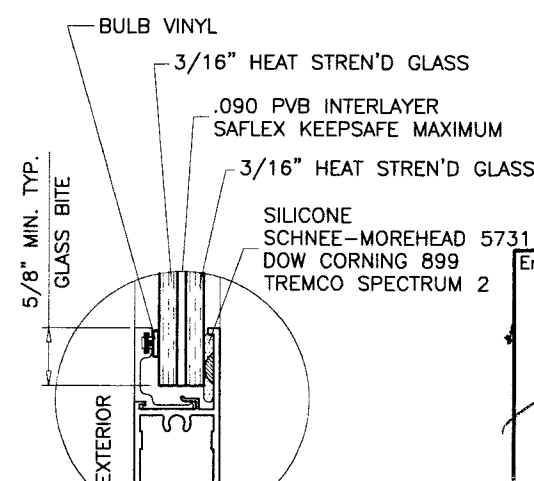
GLASS TYPE 'A'



GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'D'

LAMINATED GLASS
LARGE MISSILE IMPACT

Engr: DR. HUNAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W02-23L

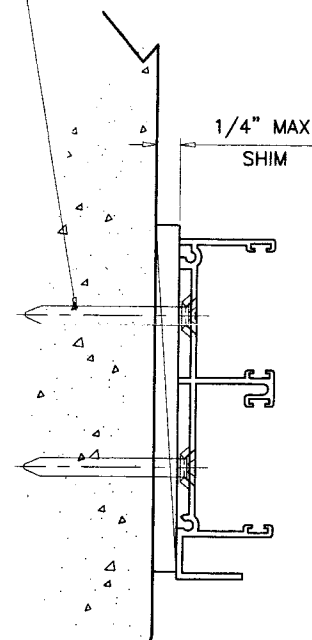
SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)
LAWSON INDUSTRIES INC.
8501 N.W. 90 STREET
MEDLEY, FL. 33166
TEL. (305) 696-8660 FAX (305) 696-6006

revisions:	no	date	by	description
	A	09.19.02		GLASS TYPES B, C & D ADD.
	B	03.16.06		UPDATED FOR 2004 FBC
	C	10.17.06		REV. PER BCCO COMMENTS

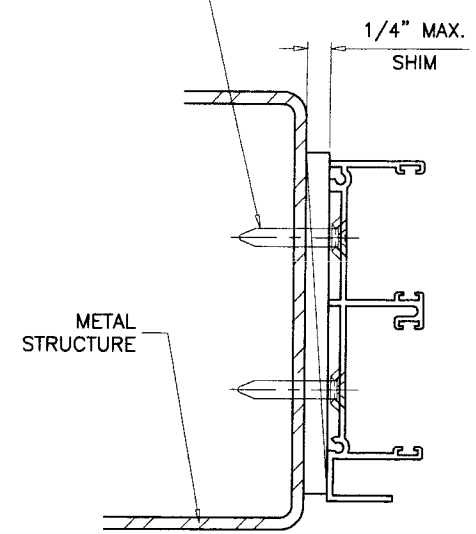
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dr. by: HAMID
chk. by:

drawing no.
W02-23
sheet 1 of 4

TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

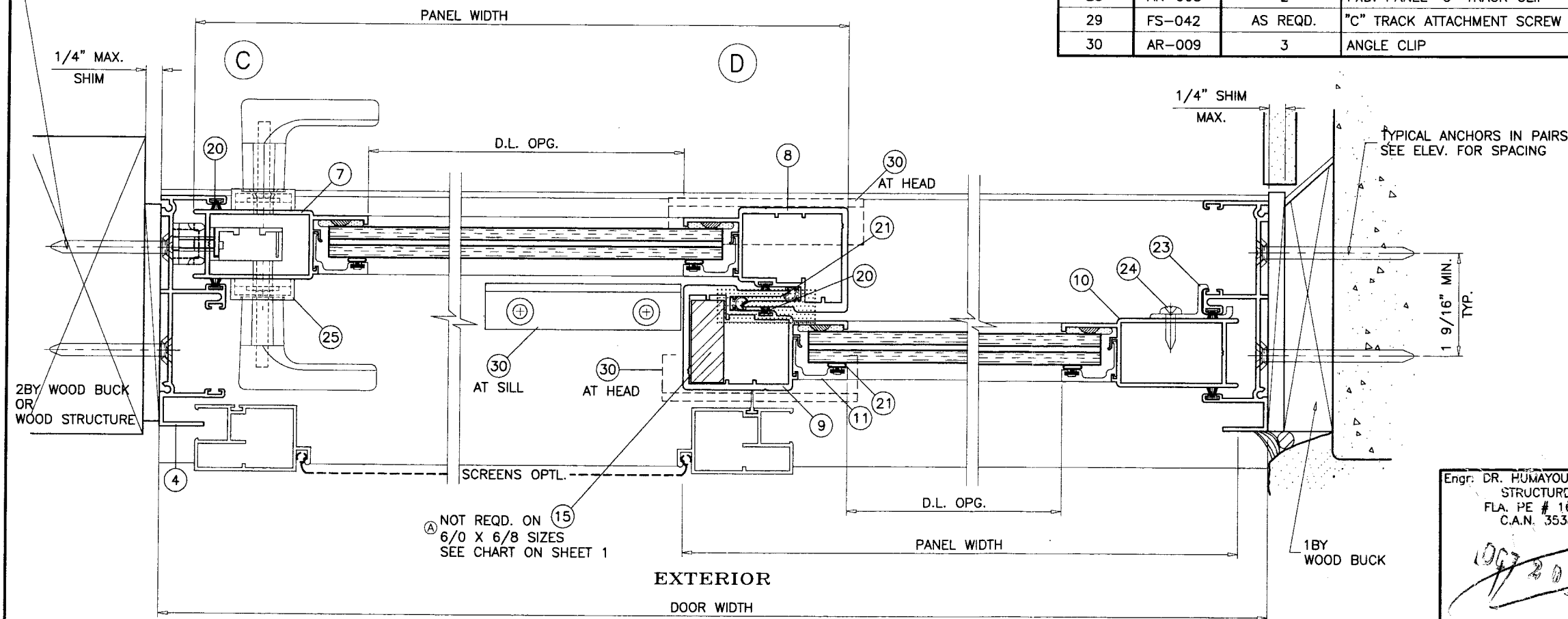


TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING



ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-9001	1	FRAME HEAD	6063-T6	ALUMAX/WELLS
2	L-9206	1	FRAME SILL - 1 3/4" HI	6063-T6	ALUMAX/WELLS
3	-	-	-	-	-
4	L-9212	2	FLANGE FRAME JAMB	6063-T5	-
5	L-9204	1	PANEL TOP RAIL	6063-T5	-
6	L-9205	1	PANEL BOTTOM RAIL	6063-T5	-
7	L-9201	1	PANEL LOCK STILE	6063-T6	-
8	L-9202	1	PANEL INTERIOR INTERLOCK	6063-T6	-
9	L-9203	1	PANEL EXTERIOR INTERLOCK	6063-T6	-
10	L-9201	1	PANEL FIXED STILE	6063-T6	-
11	L-9209	AS REQ'D.	ALUMINUM GLAZING BEAD	6063-T5	-
12	FS-005	AS REQ'D.	FRAME ASSEMBLY SCREWS	-	#6 X 1/2" P.H. PHILLIPS
13	FS-013	AS REQ'D.	PANEL ASSEMBLY SCREWS	-	#10 X 1" P.H. PHILLIPS
14	-	-	-	-	-
15	AR-020	1	HOT ROLLED STEEL BAR	-	1/2" X 1 1/4"
16	L-9016	1	SELF ADHESIVE PILE PAD	-	13/16" X 1 1/2"
17	PWS-016	AS REQ'D.	MVG. BOTTOM RAIL WTS'P	-	ULTRAFAB #QB6757DK
18	VWS-016	AS REQ'D.	FXD. BOTTOM RAIL WTS'P	-	VINYL FLAP #WV-2087
19	PWS-009	AS REQ'D.	PANEL TOP RAIL WTS'P	-	.187"x.310" (7830-6001-1)
20	PWS-003	AS REQ'D.	FIN SEAL WEATHERSTRIP	-	.187"x.210" (7820-6001-9)
21	VWS-004	AS REQ'D.	BULB WTS'P.	VINYL	1/4" O.D.
22	HC-043	2X PANEL	PANEL TOP GUIDE	NYLON	-
23	L-9018	4/ FIX. PANEL	FIXED PANEL JAMB CLIP	6063-T5	-
24	FS-011	1 X CLIP	FIXED PANEL CLIP SCREW	-	#10 X 5/8" P.H./PHIL.
25	HC-047	1	MORTISE LOCK HARDWARE	-	W/ HANDLES & KEEPER
26	HC-046	2	MVG. PANEL TANDEM ROLLER	-	2 X EA. MVG. BOT. RAIL
27	FS-003	2	ROLLER ATTACHMENT SCREW	-	#8 X 1/2" F.H./PHIL.
28	AR-008	2	FXD. PANEL "C" TRACK CLIP	-	2 X EA. FXD. BOT. RAIL
29	FS-042	AS REQD.	"C" TRACK ATTACHMENT SCREW	-	#10 X 1" F.H./PHIL.
30	AR-009	3	ANGLE CLIP	ALUMINUM	.704" X 1.50" X 125" X 3"

TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING



1/4" SHIM
MAX.

TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0406-06
Expiration Date June 13, 2007
By: Ishag I. Chant
Initial Date Product Code
Division

af c
AL-FAROOQ CORPORATION
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revisions:	no	date	by	description
	A	09.19.02	REIN.	NOTE ADD.
	B	03.16.06	UPDATED FOR 2004 FBC	
	C	10.17.06	REV. PER BCCO COMMENTS	

date: 03-18-02

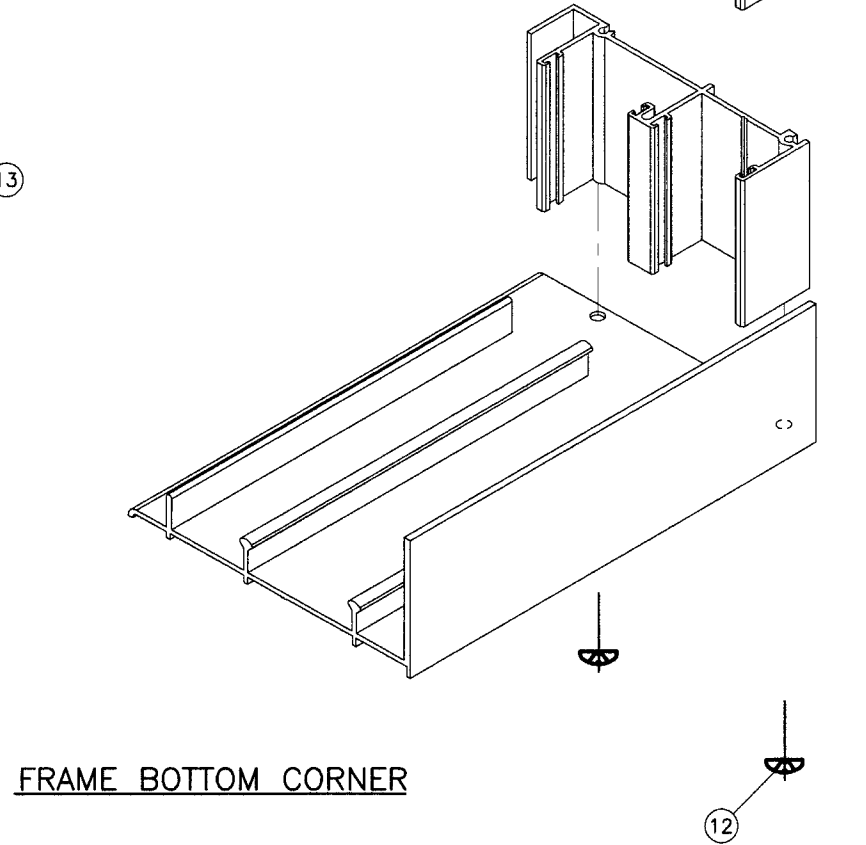
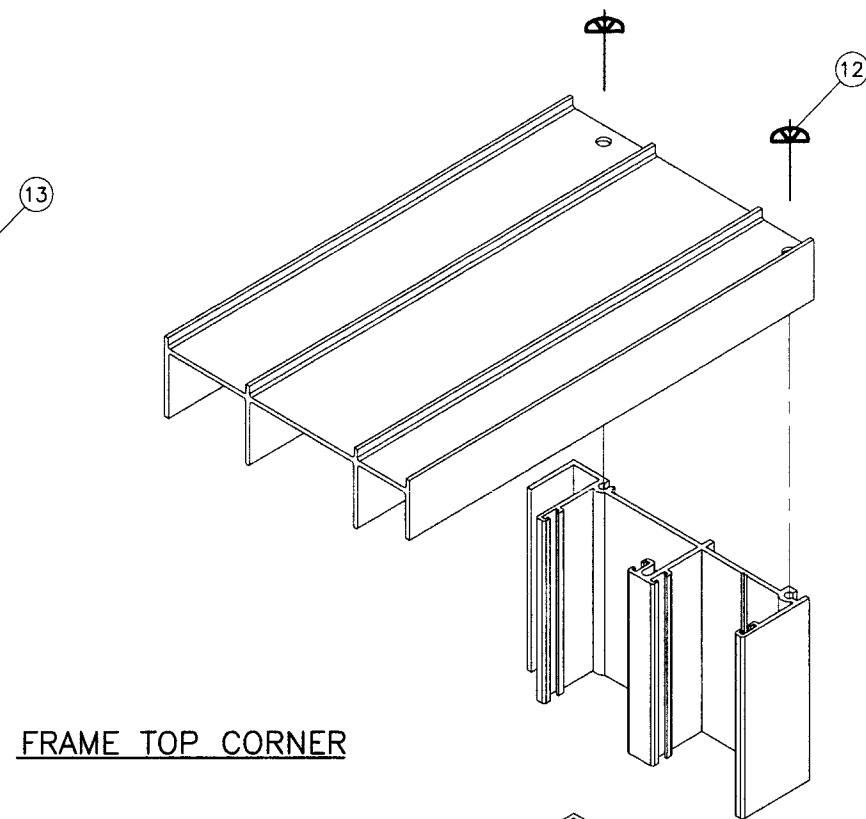
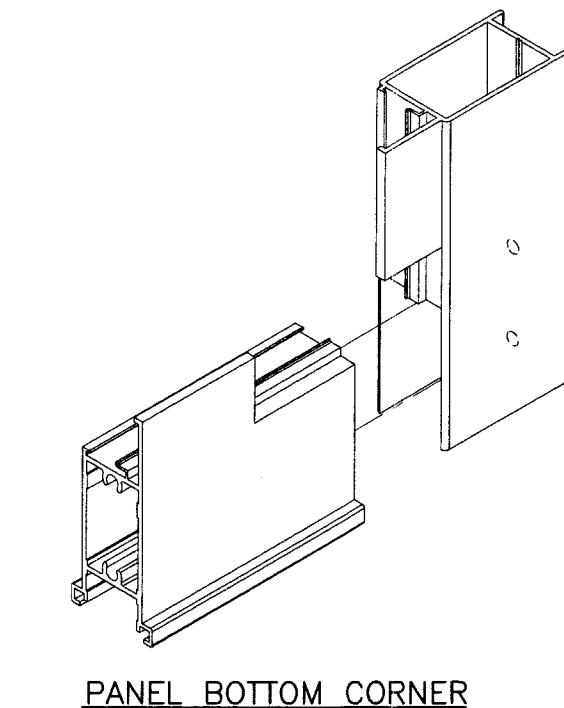
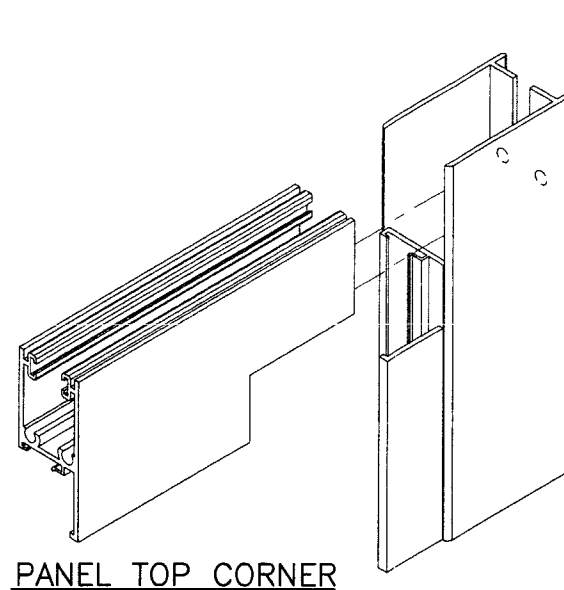
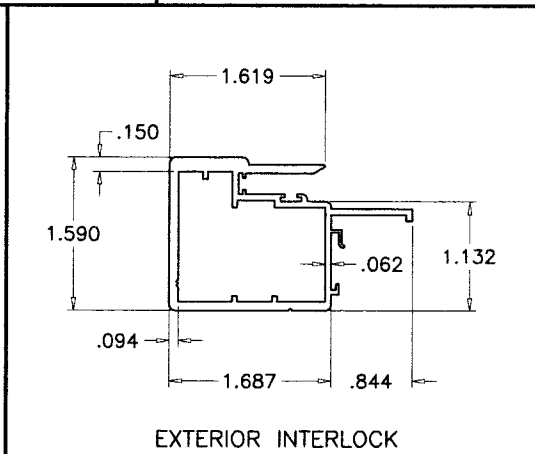
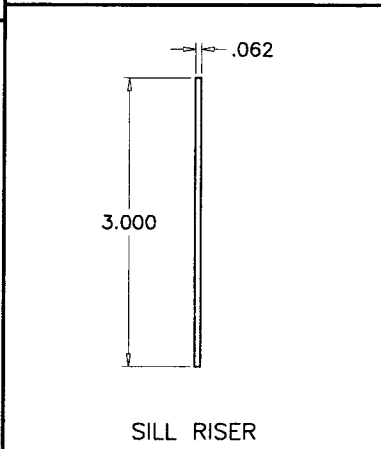
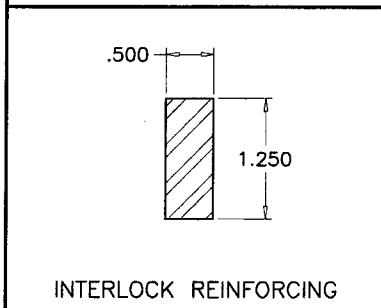
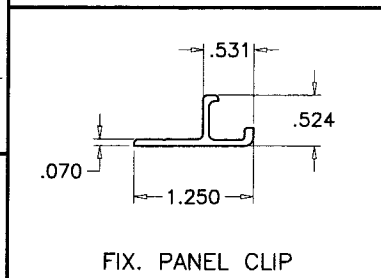
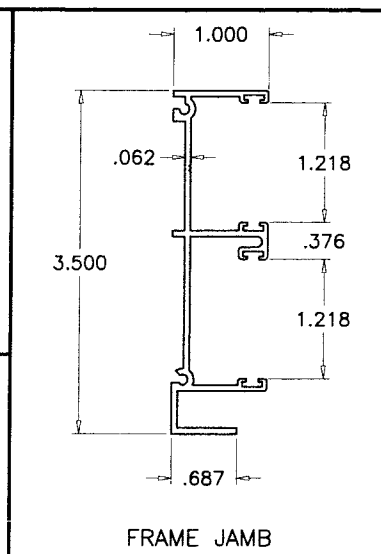
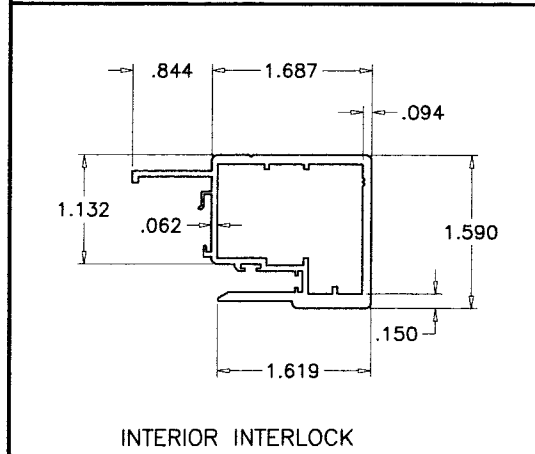
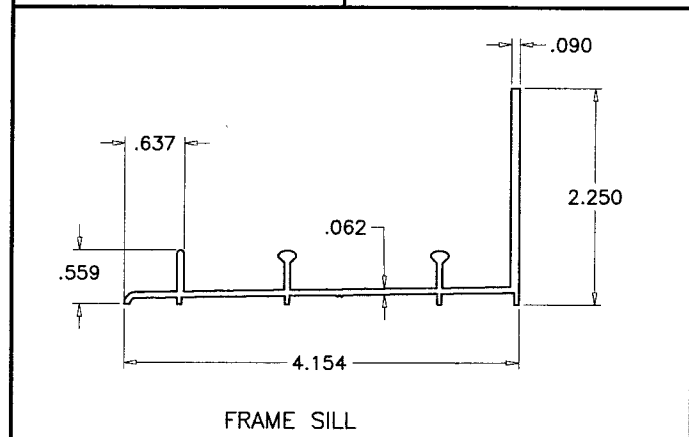
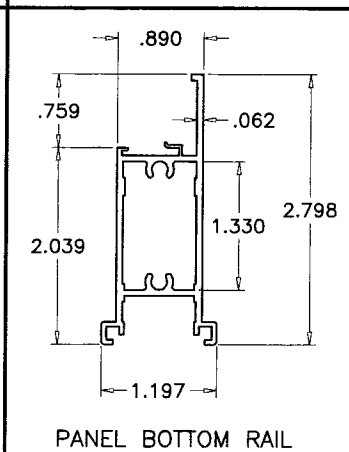
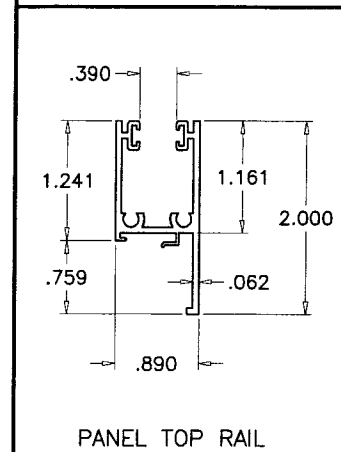
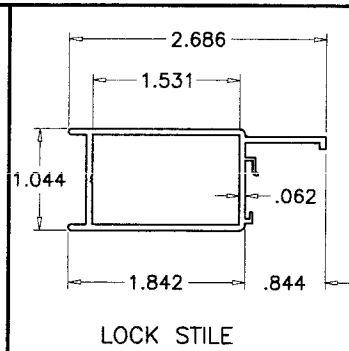
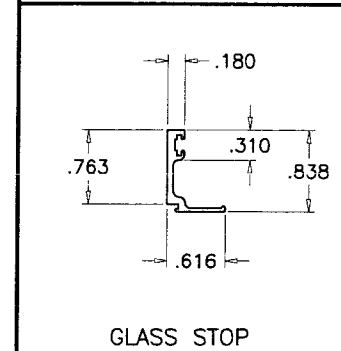
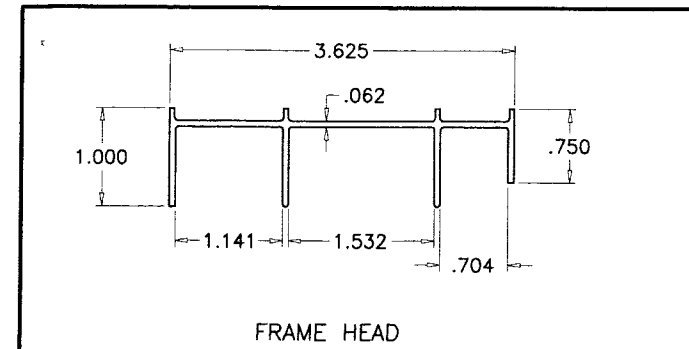
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dr. by: HAMID

chk. by:

drawing no.
W02-23

sheet 3 of 4



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 206-0406-06
 Expiration Date JANUARY 2007
 By Iskhan J. Chaudhary
 Miami Door Product Control
 Division

Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
OCT 10 2006

AL-FAROOQ CORPORATION
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SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)

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revisions:	
no	date by description
A	09.19.02 NO CHANGE
B	03.16.06 NO CHANGE THIS SHEET
C	10.17.06 REV. PER BCCO COMMENTS

date: 03-18-02

scale: 1/2" = 1"

dr. by: HAMID

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drawing no.
W02-23

sheet 4 of 4